sdeekshi-lab4.R

sdeekshi

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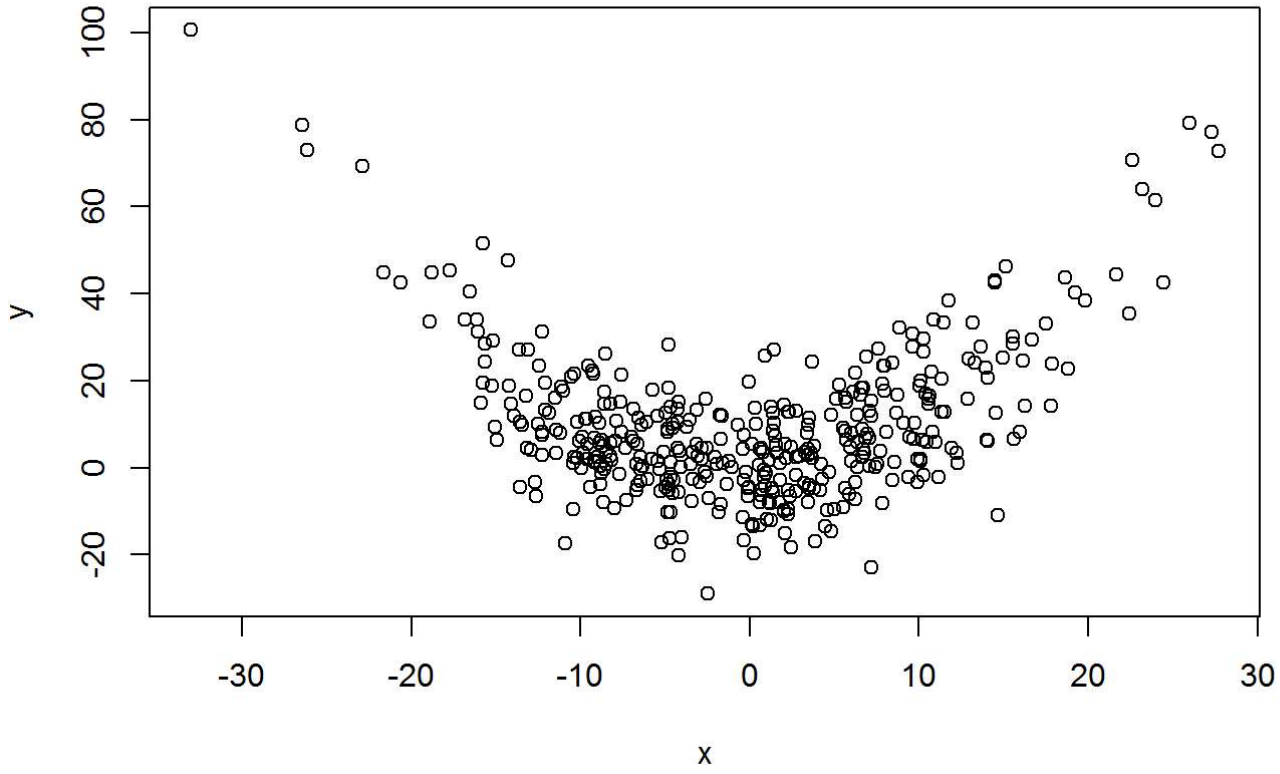
```
n = 400
x = rnorm(n,mean =0, sd=10)
y = (x^2)/10 +rnorm(n,mean =0, sd=10)

plot(x,y)
```



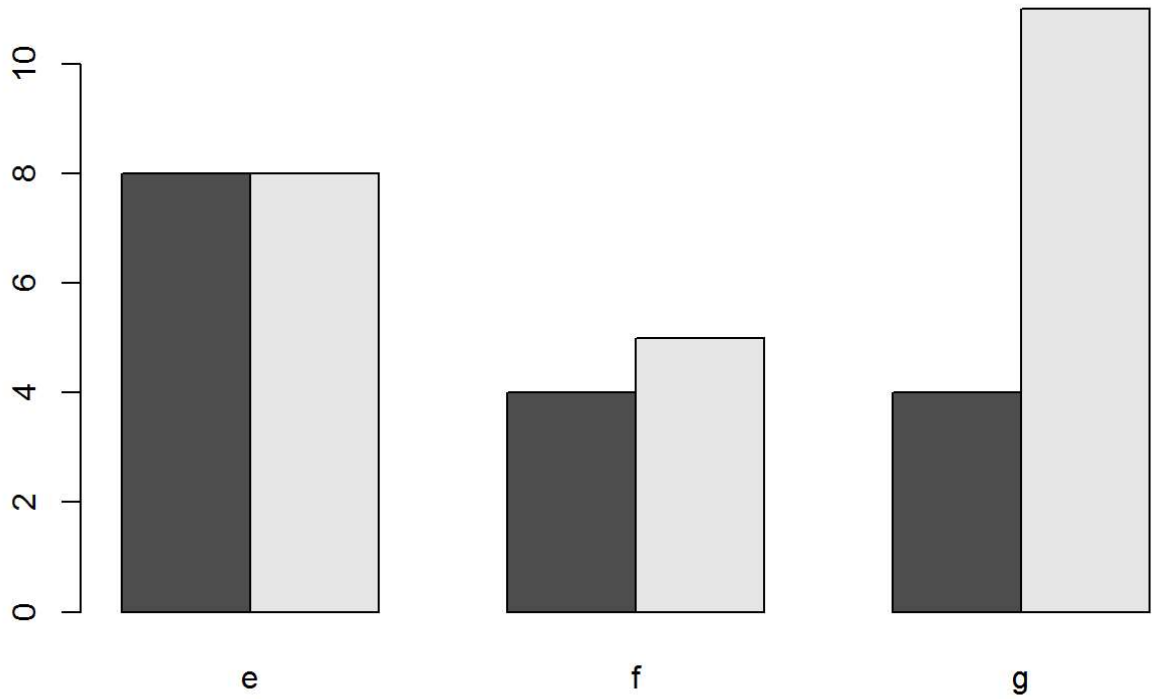

```
a= sample(letters[1:2], size = 40, replace =TRUE)
b = sample(letters[5:7], size = 40, replace = TRUE)

a
```

```
##  [1] "b" "a" "b" "a" "a" "a" "b" "b" "b" "b" "a" "b" "b" "b" "a" "a" "b"
## [18] "a" "a" "a" "b" "b" "b" "a" "b" "b" "b" "a" "b" "b" "b" "b" "b" "b"
## [35] "a" "a" "b" "b" "a" "a"
```

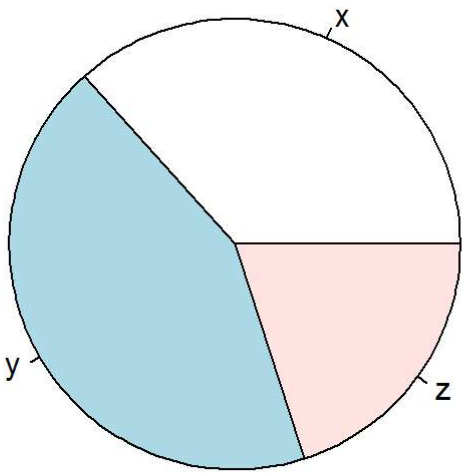
```
b
```

```
##  [1] "g" "g" "g" "g" "e" "e" "e" "g" "f" "f" "e" "f" "e" "g" "g" "e" "e"
## [18] "e" "f" "g" "f" "e" "g" "e" "f" "g" "e" "f" "g" "g" "g" "e" "e" "g"
## [35] "f" "e" "e" "g" "e" "f"
```

```
my.table = table(a,b)
barplot(my.table, beside = T)
```




```
c = sample(letters[24:26], size =30, replace = TRUE)
pie(table(c))
```


x
y
z